

Abstract

A nozzle or top for use in precision dispensing systems which provides a continuous, uninterrupted flow of fluid therethrough. The tip comprises a body having an inlet at one end adapted for connection to a dispensing head or pump and an outlet at the other end for positioning adjacent a location on the surface onto which the fluid is to be dispensed. A passage in the body of the tip connects the inlet to the outlet, and is shaped to conduct fluid from the inlet to the outlet in a continuous and uninterrupted matter. The passage has a converging portion extending from the inlet to an intermediate location in the body and a constant diameter portion joining the converging portion to the outlet. The body of the tip is of ceramic material [,]_. [preferably injection molded ceramic material. The tip can be fitted in a metal housing which can be provided with a standoff pin for spacing the outlet end of the tip from the surface onto which fluid is to be dispensed.]

In the Claims:

Please rewrite claim 6 in amended form as follows:

6. (Amended) A dispensing tip according to claim 1, [in combination with] further comprising a protective housing.